JAKE SANDELIN

DATA AND SOFTWARE ENGINEER

CONTACT

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EDUCATION

B.S. Computer Science*
CU Boulder
20 Hours Remaining
Honor's Society Member
3.5 GPA

B.S. Industrial Distribution
Texas A&M University
2013-2017

CERTIFICATES & ACHIEVEMENTS

- Code w/ **Go Google** Cert.
- **Google I.T.** Cert.
- **Six Sigma** White Belt Cert.
- **Upwork** Top 10% of Talent
- Top 5% of **Excel** Users *LinkedIn*
- **Power BI** Executive Reporting

LANGS & SKILLS

Python	**SQL**	Go
C/C++	VBA	PLC
RAG	ETL	Docker
Kubernetes	Java	Power BI

WORK EXPERIENCE

Data Engineer @ McKesson   05/2024 - Current

- Developed and optimized scalable healthcare data pipelines at McKesson using **Python**, **Pandas**, and **SQLAlchemy**, delivering actionable insights for the executive team.
- Optimized large-scale data processing in **Databricks**, slashing compute costs by 90% and reducing execution time by 95%.
- Built a high-performance patient analytics pipeline in **Snowflake** and **SQL**, processing 1B+ records.
- Deployed real-time BI dashboards with **Docker** and **Kubernetes**, providing scalable insights for decision-makers.

Co-Founder @ Nimble Cloud   01/2023 - 01/2025

- **Co-founded an AI startup** with a colleague, building an AI Support Agent trained on 5 years of call center logs, fine-tuning **Llama 3.1** on 18K+ support calls using **Hugging Face**, **Whisper**, and **RAG** to create AI empowered employees.
- Designed a data-driven web app ecosystem in **Go**, delivering actionable insights for call center clients.
- Successfully exited through a **private acquisition** to customer.

Data Engineer @ PASCO   04/2021 - 05/2024

- Developed an automated alerting system using **Datamail**, **APIs**, and **SQL**, delivering 30K+ real-time notifications annually for schedule management.
- Engineered a **Python-based** document management platform, automating **ETL** pipelines into MS SQL and efficiently handling 36.5K+ records.

Operations Manager @ Nitrocrete   04/2019 - 04/2021

- Developed a **Python**-based planning tool using **Selenium** & **VBA** to optimize team workflows.
- Automated inventory planning via **VBA.**

Process Improvement @ Tenaris   04/2017 - 04/2019

- Designed a logistics system managing **$1B in stock**, improving supply chain operations.
- Led **software development** priorities across an International Org.